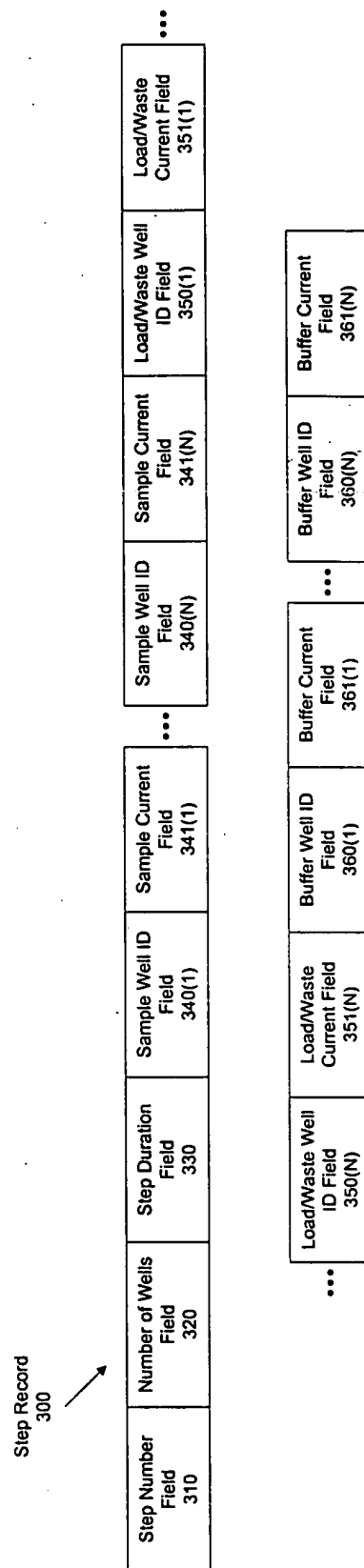
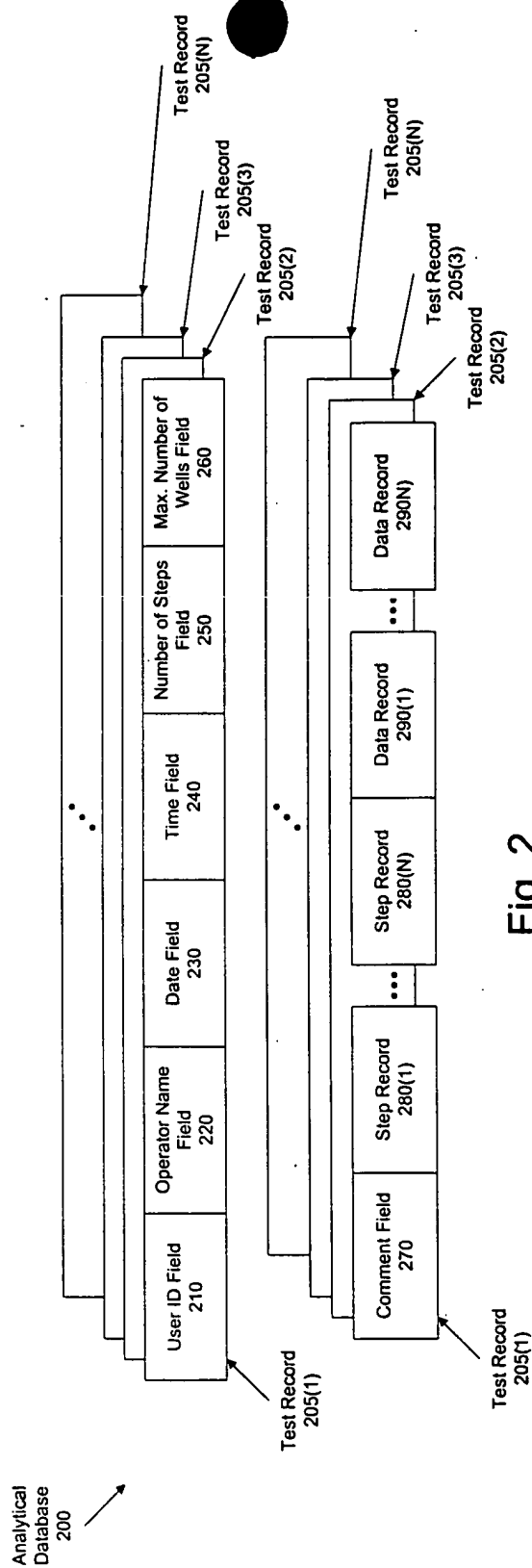


Fig. 1



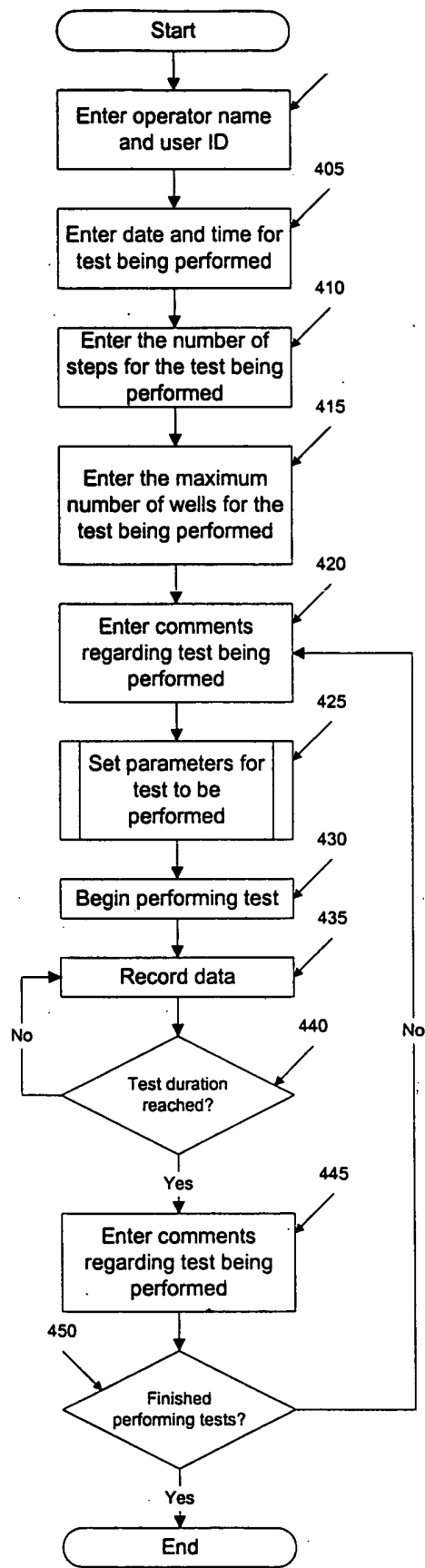


Fig. 4

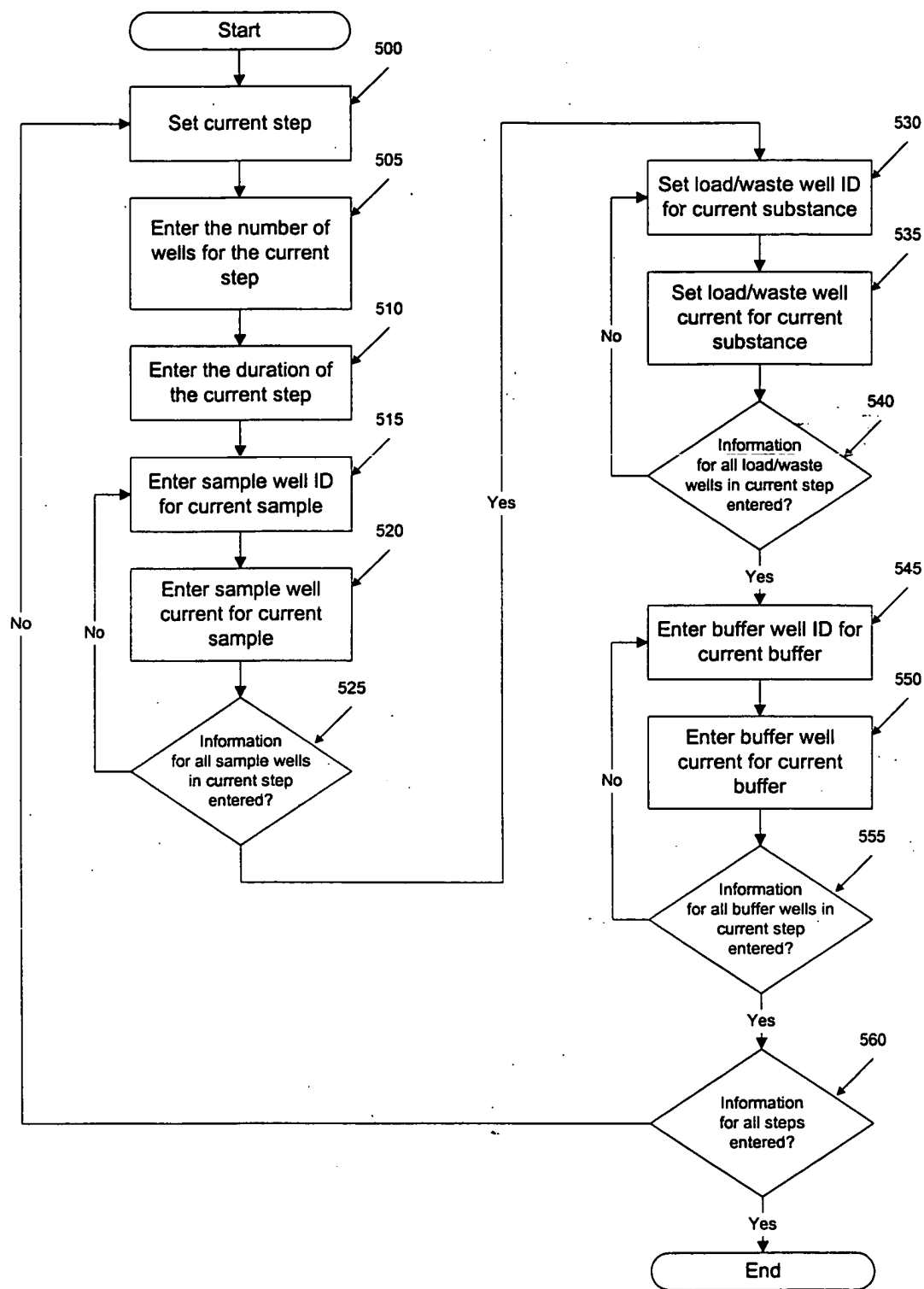


Fig. 5

600
✓

602 604

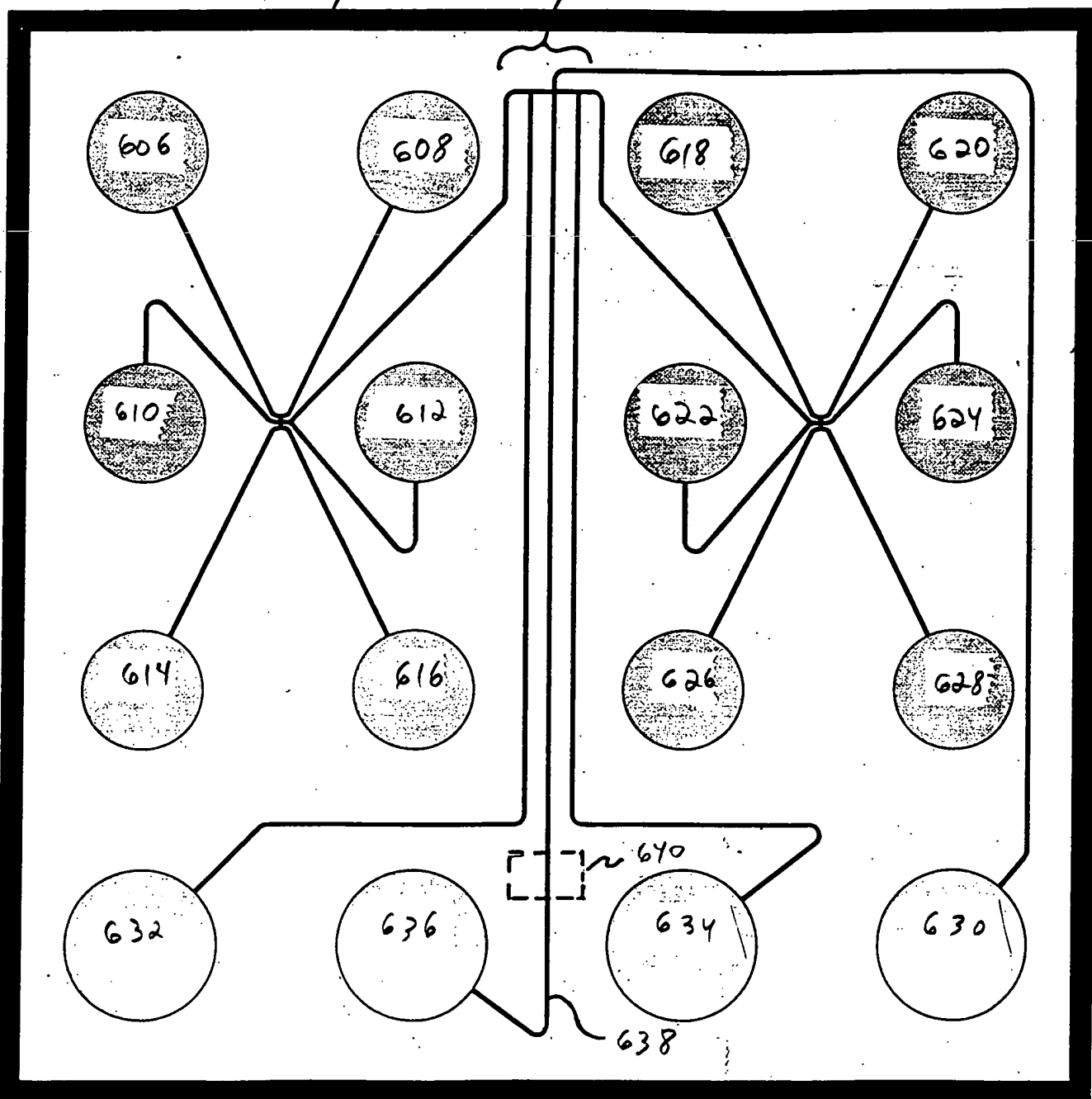


Fig. 6

65360m 34T360

648

STEP	DURATION (SECONDS)	SAMPLE WELL ID	SAMPLE WELL CURRENT (μA)	LOAD/WASTE WELL ID	LOAD/WASTE WELL CURRENT (μA)	BUFFER WELL ID	BUFFER WELL CURRENT (μA)
1	45	606	-7	632	10	636	-2
2	5	606	-7	634	10	636	-2
3	1	606	5	634	5	630	-12
4	2	606	1	634	1	630	-8
5	85	608	-7	632	10	630	-7.5
6	5	608	-7	634	10	636	-2
7	1	608	5	634	5	630	-12
8	2	608	1	634	1	630	-8
9	85	610	-7	632	10	630	-7.5
10	5	610	-7	634	10	636	-2
11	1	610	5	634	5	630	-12
12	2	610	1	634	1	630	-8
13	85	612	-7	632	10	630	-7.5
14	5	612	-7	634	10	636	-2
15	1	612	5	634	5	630	-12
16	2	612	1	634	1	630	-8
17	85	614	-7	632	10	630	-7.5
18	5	614	-7	634	10	636	-2
19	1	614	5	634	5	630	-12
20	2	614	1	634	1	630	-8
21	85	616	-7	632	10	630	-7.5
22	5	616	-7	634	10	636	-2

FIG. 7

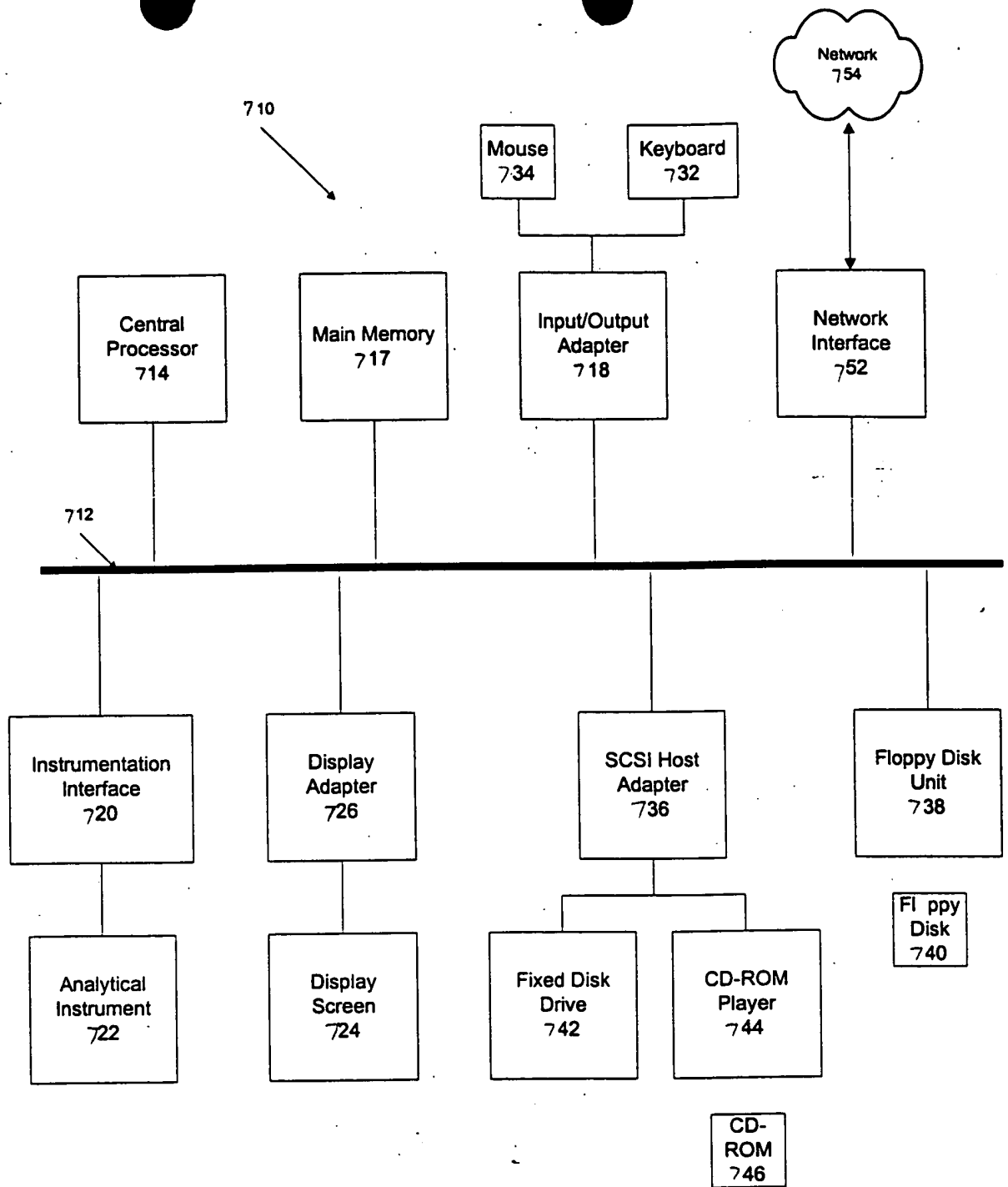


Fig. 8

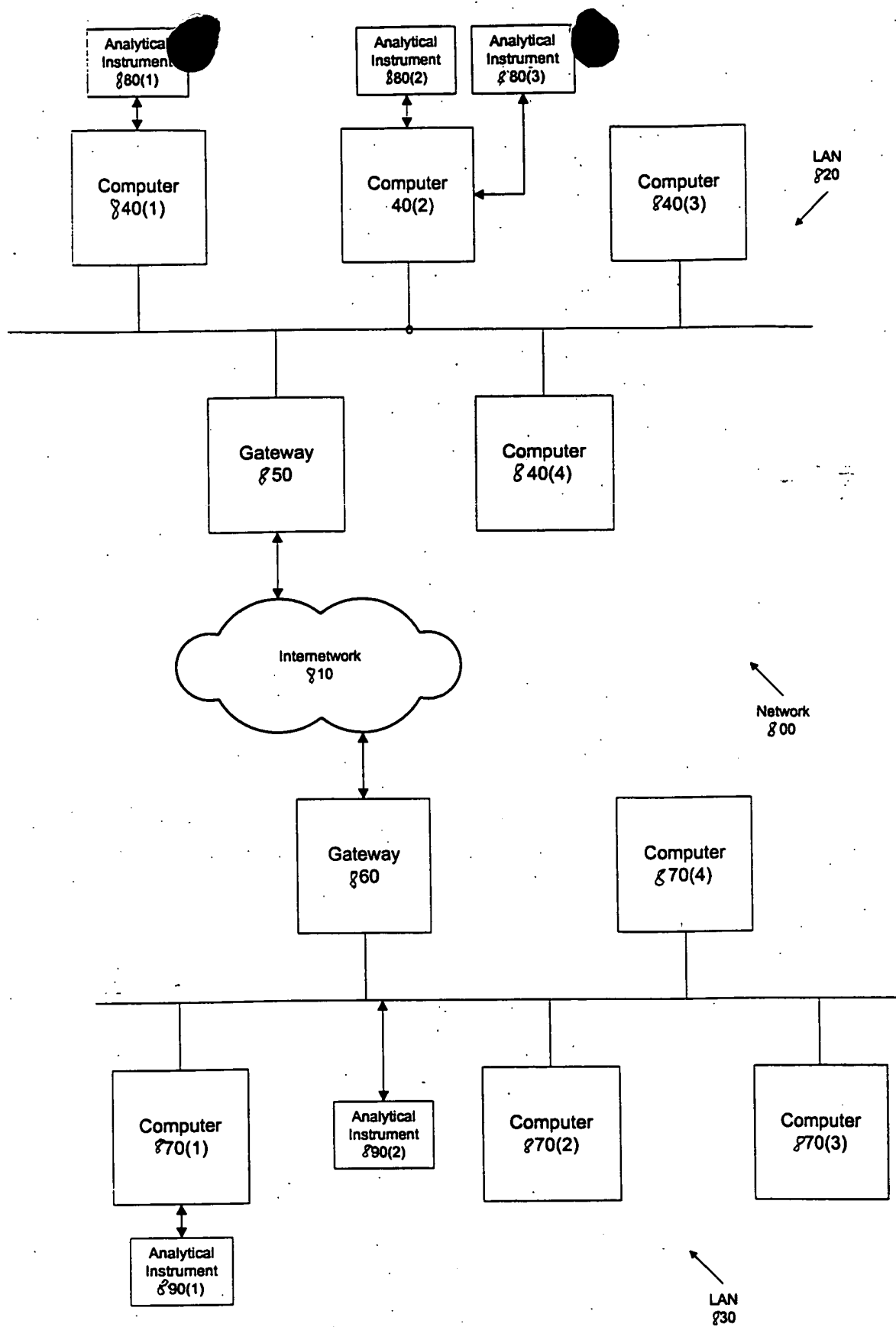


Fig. 9

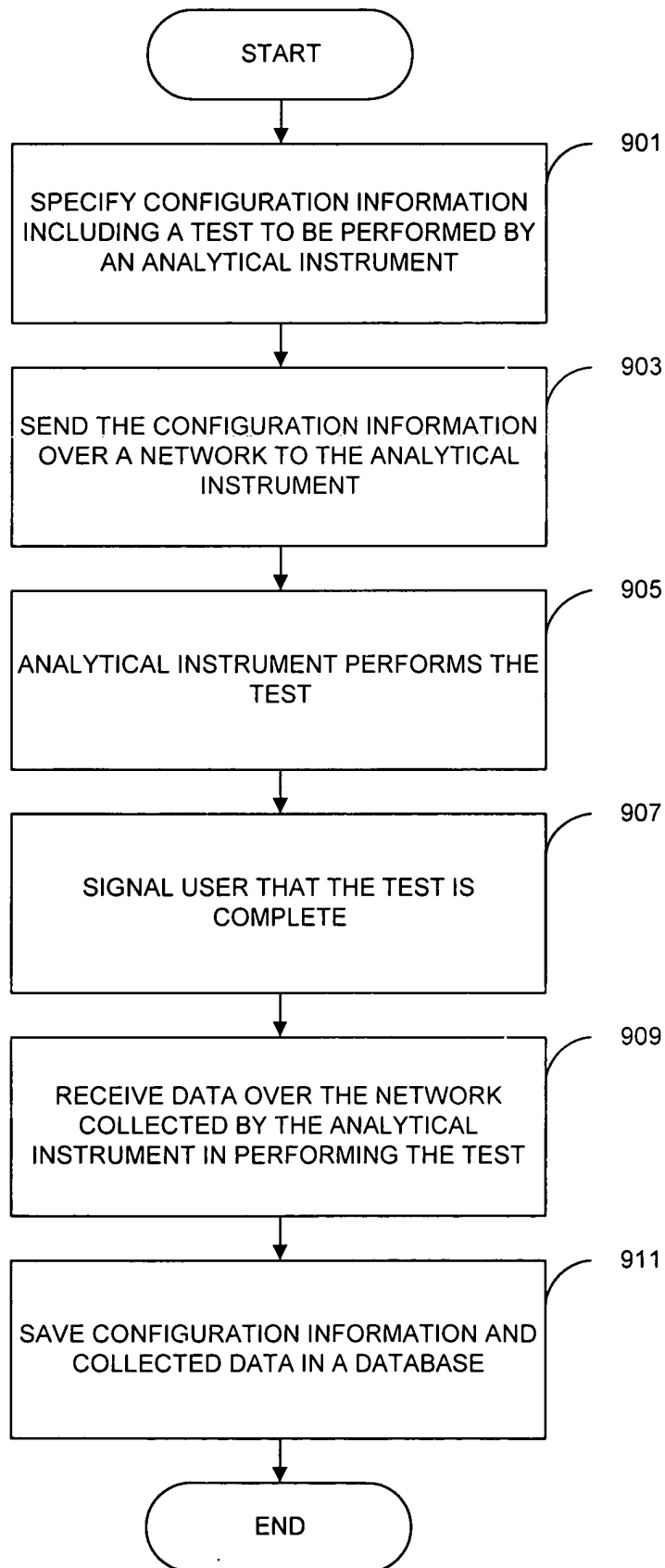


FIG. 10